Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 10 Nov 2023 until 23:59 on Saturday 11 Nov 2023

Forecast Issued on Thursday 09 Nov 2023 at 15:17

Confidence: High confidence for a cooler few days over the weekend with mist and fog causing some morning visibility hazards and frost expected, uncertainty in timing of mist and fog clearance in the morning. Further unsettled, wet and windy conditions expected early next week.

Headline for Friday 10 Nov 2023: Cold start to the day with mist and fog slow to clear, sunny intervals developing in fresh Northwesterly winds.

Mountain weather hazards on Friday 10 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Mist	Fog	Mist	Sunny	Sunny	Clear night	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	10%	10%	10%	10%	10%

Forecast for Friday 10 Nov 2023

Weather: Mainly dry overnight but mist and fog forming readily. A cold start to the day with frost likely and mist and fog will be slow to clear. Once this has cleared a settled sunny day is expected, perhaps more cloud developing later in the afternoon and evening and an odd shower is possible during the afternoon. During the evening mist and fog may form again.

Chance of cloud-free hill tops above 600m: 50% rising to 90% during the morning.

Low Cloud and visibility: Early low cloud will affect visibility and inversions are possible at low level, with clear conditions possible on the summits. By mid morning very little low level cloud is expected with excellent views likely. Cloud thickening and lowering in any afternoon showers and visibility may become good or moderate by late afternoon. If fog forms visibility will become poor again at low level during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 10 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 W	5/9 NW	7/13 N	10/15 NW	12/17 NW	12/18 W	10/16 W	9/16 W	9/15 W
300	3/7 W	3/8 N	7/15 N	8/15 NW	10/18 NW	7/18 W	6/16 NW	7/17 NW	6/15 NW
Valley	2/5 NW	3/7 N	4/12 N	5/12 N	6/12 NW	6/14 W	4/11 NW	4/9 NW	4/10 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-0	2/-1	2/-2	1/-4	2/-2	3/-2	2/-2	2/-2	1/-3
300	4/3	4/2	3/0	3/-0	5/2	5/2	3/0	3/0	2/-1
Valley	5/4	4/3	2/1	4/2	7/5	7/5	5/3	4/2	3/1
Freezing Level*	1000m	900m	900m	800m	800m	800m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly in fresh northerly winds especially in early mist and fog, feeling warmer in the Autumn sunshine later.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 09 Nov 2023	1.6mm	11.6mm	25.2mm

Forecast for Saturday 11 Nov 2023

Weather: Mist and fog, or even freezing fog, are likely to occur again on Saturday morning with frost expected. It will become mainly dry and bright with a lot of sunshine. Still feeling chilly in the northerly winds.

Maximum wind: Northerly 10-15mph, becoming easterly 5-10mph later.

Chance of cloud-free hill tops above 600m: 50% rising to 90%, early low level cloud.

Low Cloud and visibility: Early inversions are possible with low level cloud and good visibility at height. Cloud will lift and clear to give excellent visibility and good clarity of air for much of the day.

Temperature: **Valleys:** Zero Celsius rising to 6 Celsius.
At 600m: Minus 1 rising to Plus 3 Celsius.
Freezing level: Around 1000m

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